

§ 1214.115

§ 1214.115 Standard services.

Standard services for the Space Shuttle are generically defined in NASA document NSTS 07700, Volume XIV. The standard services to be provided for a specific payload will be agreed to between NASA and the customer in the launch agreement and associated payload integration documentation. Typical standard services include the following for each customer.

(a) A standard launch that meets the criteria established in § 1214.117.

(b) Transportation of the customer's payload in the orbiter cargo bay in a location selected by NASA.

(c) One day of single-shift, on-orbit mission operations.

(d) A five-person flight crew: commander, pilot and three mission specialists.

(e) Orbiter flight planning services.

(f) One day of transmission of payload data to compatible receiving stations via an Independent Payload Data Stream. (Subject to availability, NASA may make excess orbiter instrumentation downlink capability available to payloads at no additional charge.)

(g) Deployment of a free flyer, provided the payload meets all the conditions stated in § 1214.118.

(h) NASA support of selected payload design reviews.

(i) Prelaunch payload installation, verification and orbiter compatibility testing.

(j) NASA payload safety reviews.

§ 1214.116 Typical optional services.

Typical optional services that may be provided by NASA include the following, and will be further defined and limited in payload integration documentation agreed upon by NASA and the customer.

(a) Use of Extended Duration Orbiter (EDO) capability or other mission kits to extend basic orbiter capability.

(b) Extravehicular activity (EVA) services.

(c) Transportation to orbit of all or a part of the customer's payload in other than the orbiter cargo bay.

(d) Unique payload/orbiter integration and test.

(e) Payload mission planning services, other than for launch, deployment and entry phases.

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(f) Additional time on orbit.

(g) Payload data processing.

(h) Flight of payload specialists.

(i) Transmission of payload data via an Independent Payload Data Stream during additional time on orbit.

(j) Transmission of payload data via a Direct Data Stream.

§ 1214.117 Launch and orbit parameters for a standard launch.

To qualify for the standard flight price, all payloads must meet the following launch criteria:

(a) For dedicated flights:

(1) Launch from Kennedy Space Center (KSC) into the customer's choice of two standard mission orbits: 160 NM circular orbit, 28.5° inclination (nominal), or 160 NM circular orbit, 57° inclination (nominal).

(2) Launch on a date selected by NASA within the scheduling constraints specified in the launch agreement.

(3) Launch at a time, selected by NASA, from a launch window of not less than 1 hour (a more restrictive launch window may be provided as an optional service).

(b) For shared flights from KSC to the standard mission orbit of 160 NM circular orbit, 28.5° inclination (nominal):

(1) Launch on a date selected by NASA within the scheduling constraints specified in the launch agreement.

(2) Launch at any time of day, selected by NASA.

§ 1214.118 Special criteria for deployable payloads.

To qualify for the standard flight price, deployable payloads must meet certain criteria in terms of time of day of launch, and other factors. These criteria will be specified in the launch agreement and associated payload integration documentation.

§ 1214.119 Spacelab payloads.

(a) *Special provisions.* This § 1214.119 establishes the special provisions for Spacelab services provided to Space Shuttle customers. Where designated, provisions of this § 1214.119 supersede those of other portions of this document. The following five types of